DIWS Internet Training Guide

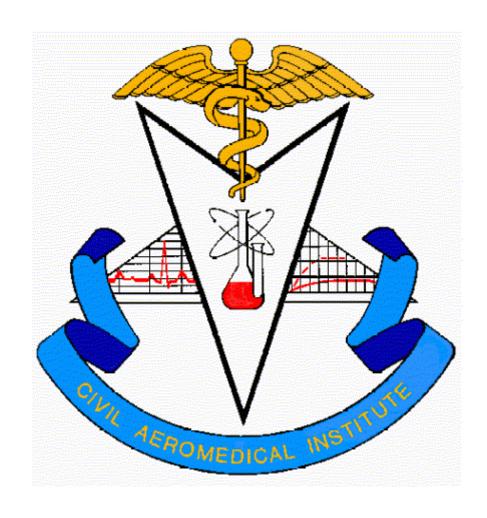


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INTRODUCTION

The Airman Medical Certification System/Document Imaging and Workflow System (AMCS/DIWS) is a complex system integrating many different applications and technologies. The AMCS/DIWS is designed to vastly improve and simplify the processing of airman certification information. One of the primary goals of the AMCS/DIWS is to allow all AMEs to enter the Form 8500-8 application information directly into the system via the Internet. The ability to enter information directly into the AMCS/DIWS database will help to improve the processing time. AMEs will be assigned an AMCS/DIWS username and password by the FAA. AMEs will access the AMCS/DIWS Internet application by connecting to the FAA Civil Aeromedical Institute (CAMI) web site http://www.cami.jccbi.gov and proceeding to the AMCS/DIWS Internet application and provides the instructions necessary to walk the user through the data entry and submission process.

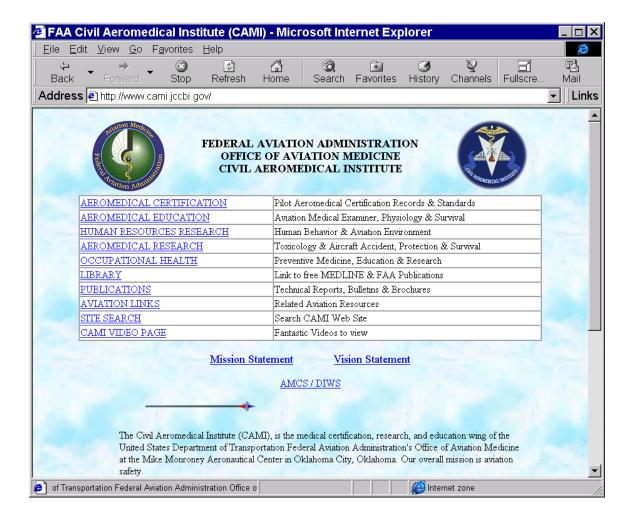
AME SYSTEM REQUIREMENTS

The AME is responsible for establishing and maintaining the Internet access for their office. This includes signing up with an Internet Service Provider (ISP) (e.g. AOL, CompuServe, etc.). While the FAA cannot endorse any particular ISP, it is recommended that the AME sign-up with one that will be able to provide Internet access at the required speeds with as few service interruptions or connection difficulties as possible. It is important to note that while the ISP and operating systems utilized are up to the user, the only web browsers that may be used are Microsoft Internet Explorer® (version 4.0 or higher) and Netscape Navigator® (version 4.0 or higher). These web browsers support the required 128-bit encryption that is utilized by the FAA as a security measure. If you do not have one of these browsers installed, you will not be granted access to the AMCS/DIWS Internet web site. These browsers are available for download from the Internet.

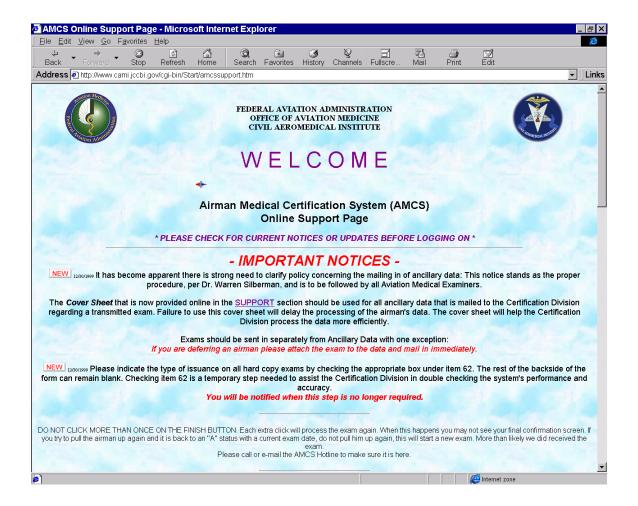
AMEs will also find that although their existing computer system may be able to access the AMCS/DIWS web site, performance will be greatly improved with a computer containing a faster processor (233 MHz or higher), a faster modem (preferably 56K), and additional RAM (64 – 128 MB).

AMCS/DIWS INTERNET APPLICATION

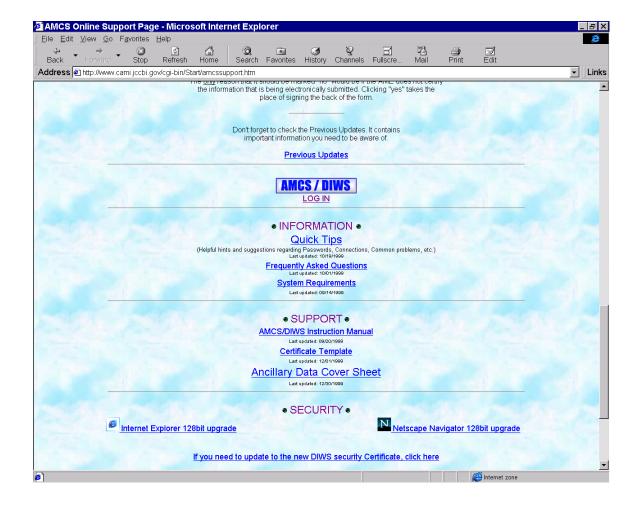
AMEs may access the AMCS/DIWS Internet application by going to the FAA CAMI web site http://www.cami.jccbi.gov and clicking on the AMCS/DIWS hyperlink.



When you click on the <u>AMCS/DIWS</u> hyperlink you will be presented with the AMCS Online Support Page. The online support page provides important notices about policy changes and update information concerning use of the application or enhancements made to the application.

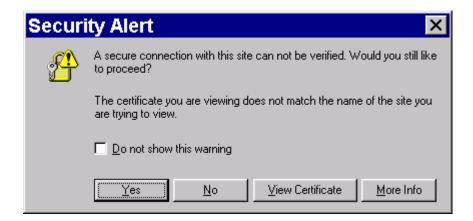


The online support page also provides an AMCS/DIWS LOGIN hyperlink and hyperlinks relating to general information, support, and security.



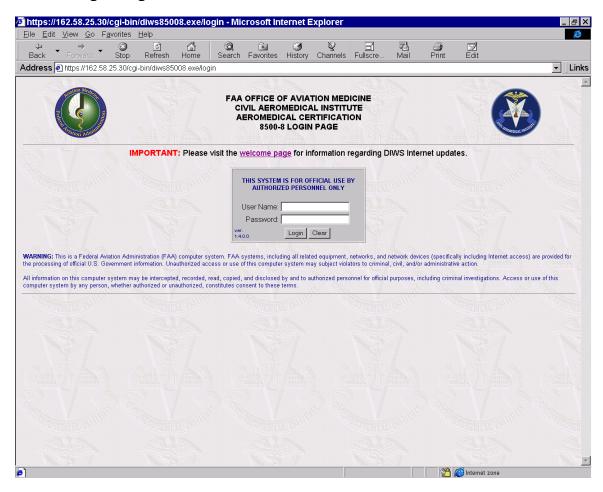
When you click on the <u>AMCS/DIWS LOG IN</u> hyperlink you may then be presented with Security Alert messages similar to the following:





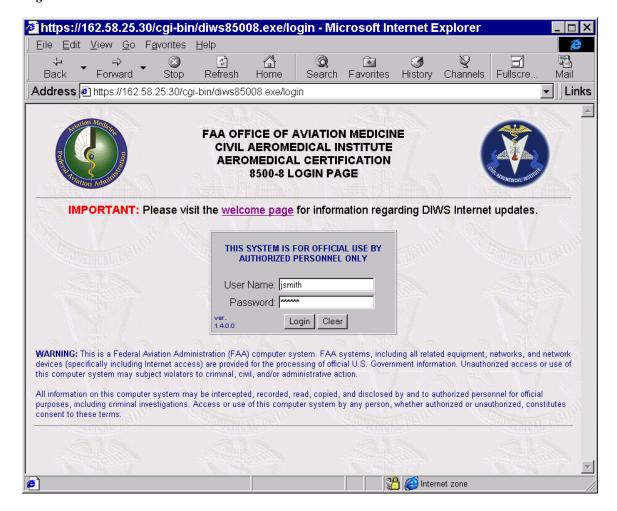
Click Yes for each message and you will proceed to the 8500-8 Login Page.

8500-8 Login Page

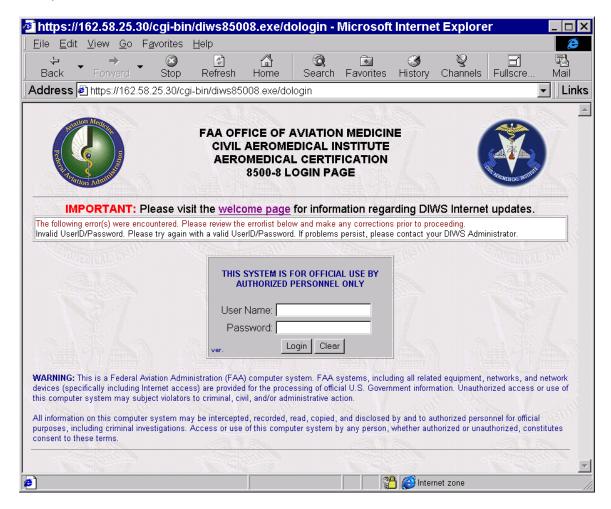


Note: This web site is best viewed using a screen resolution of 1024 x 768. If your monitor or video display adapter can not handle this resolution, you will still be able to view all of the pages. However, you will have to utilize the vertical scroll bar on the right hand side of the window in order to view any information that may be at the bottom of the screen.

At the 8500-8 Login Page, the user will enter the assigned User Name and Password and then click on the *Login* button.

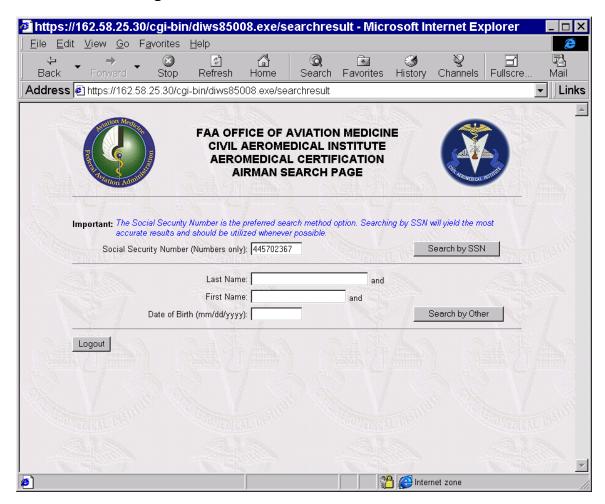


If either the User Name or Password was entered incorrectly, an error message, as shown in the window below, will inform the user of this.



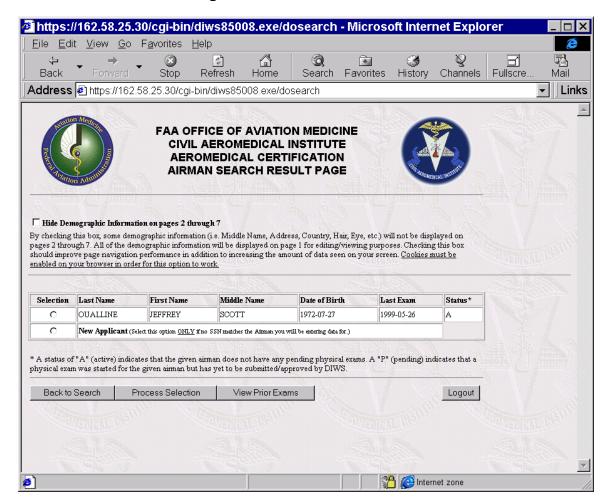
Once the correct User Name and Password have been entered and verified, the user will proceed to the Airman Search Page.

Airman Search Page



At the Airman Search Page the user may enter the applicant's Social Security Number (or Pseudo SSN) if the applicant has one. If the SSN is not provided, the user may enter the Last Name and First Name and/or Date of Birth of the applicant. Please note that you must enter at least the first initial of the applicant's first name when searching by name. For example, if Smith is entered as the last name and "F" is entered as the first name, the search will return all airmen in the database with the last name Smith and a first name that begins with "F" (e.g. Frank, Francis, Franklin, etc.). However, if Frank is entered as the first name the results will only include airmen with a first name of Frank. The more accurate the information contained in the search criteria, the more accurate the search results will be. The purpose of the Airman Search Page is to help prevent against the creation of duplicate records for an airman within the AMCS/DIWS database. It is recommended that the SSN be used as the search criteria as this will yield the most accurate results. Once you enter the SSN, click on the *Search by SSN* button. If an airman is found possessing the SSN that was entered you will be presented with the Airman Search Result Page.

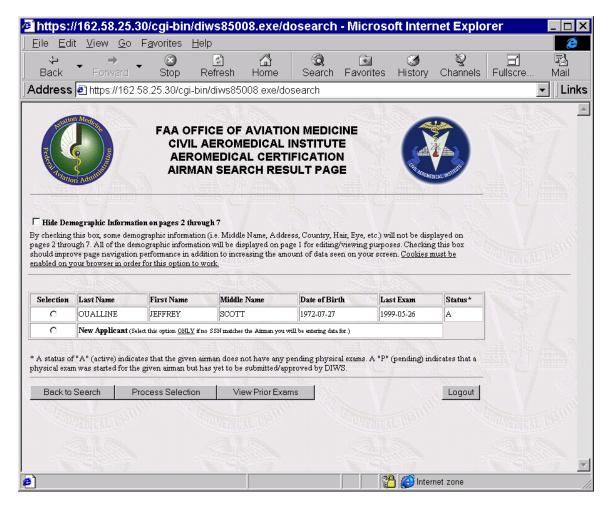
Airman Search Result Page



Hiding Demographic Information

The option of not displaying all of the demographic data at the top of each of the 8500-8 Data Entry pages has been provided. To hide the data, click on the "Hide Demographic Information on pages 2 through 7" check box located at the beginning of the Airman Search Result Page. By checking this box, some demographic information (i.e., Middle Name, Address, Country, Hair Color, Eye Color, etc.) will not be displayed on pages 2 through 7 of the data entry form. All of the demographic information will be displayed on page 1 for editing/viewing purposes. Checking this box should improve page navigation performance, in addition to increasing available screen viewing area.

Note: Cookies must be enabled on your browser for this option to work. This is the default setting for most web browsers. A cookie allows you to save settings for a Web page. When you check the "Hide Demographic Information" box, a cookie on your browser saves this information so that the next time you long onto a Web page, the box will be checked automatically.



Verify Airman Information

At this point you should verify the Last Name, First Name, Middle Name, and Date of Birth for the airman. If the record that is retrieved is the correct record for the airman, click on the radio button (circle) under the **Selection** column next to the Last Name. Once that radio button has been selected, click on the **Process Selection** button at the bottom of the window.

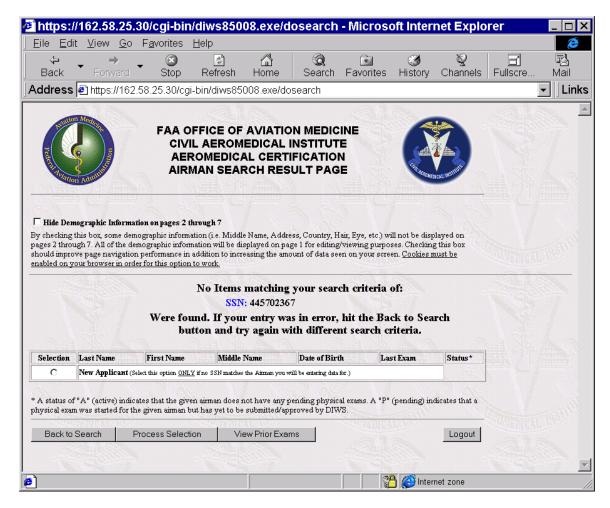
If the record that is retrieved does not match the airman whose application for which you are about to enter data, click on the *Back to Search* button and verify that you entered the correct SSN in the Airman Search Page. You should also verify with the applicant that the SSN provided on the 8500-8 application is correct. If after verifying that the correct SSN was provided and entered and the wrong airman is still retrieved, it will be necessary to mail the application to the FAA with a note briefly stating the reason that the 8500-8 information could not be transmitted.

Status 'A' vs. 'P'

At the far right of the table on the Airman Search Result Page there is a **Status** column. Whenever one or more records are retrieved they will each have a status of either 'A' or 'P'. A status of 'A' indicates that a record for the corresponding airman was located in the primary AMCS/DIWS database tables. A status of 'P' indicates that an exam was previously started for that airman but was not completed. This may be because the user's Internet connection was interrupted prematurely or the user logged out prior to completing the data entry for the application.

Please note that all of the information for an exam is stored in a temporary table until the exam is completed and transmitted successfully to the AMCS/DIWS database. Only the person who was logged in when the exam was started will be able to select a pending ('P') exam for further processing. This prevents two AMEs from entering data on the same applicant.

If you need to enter 8500-8 information for an airman for whom a pending (**'P'**) exam already exists and was started by someone else, you must contact the AMCS Hotline for assistance at (405) 954-3238.



No Matching Records

If your search does not return any records for any existing airmen, you will be notified with a message stating so, as shown above. You should verify that the information returned in the above message was entered properly. If the information was entered incorrectly, click on the *Back to Search* button and reenter the search criteria. If upon reviewing the information that was entered you determine that it was not entered incorrectly, you should click on the radio button (circle) under the **Selection** column next to New Applicant and click on the *Process Selection* button.

Existing Applicant vs. New Applicant

If you select an existing applicant that was retrieved during your search, when you click on the *Process Selection* button you will be taken to the first data entry page with the demographic data already loaded. It is imperative that you verify that the demographic data on the screen matches the demographic data on the 8500-8 application. If the information is different, you should enter the new information from the current 8500-8 application into the appropriate fields on the screen.

If no airman is retrieved using your search criteria, then you may select the New Applicant option and click on the *Process Selection* button. You will be taken to the first data entry page and should begin entering all of the data that is on the new 8500-8 application. All of the demographic fields will be blank because this is the first application for this applicant.

Application Processing (Data Entry)

The data entry fields are separated onto seven different pages. The following instructions will attempt to walk the user through the individual data entry fields contained on each page. The applicant's full or partial demographic information, depending on the users' preference, will be visible at the top of each of the seven data entry pages. This is intended to help the user in case they lose track of which airman's record they are processing. (For this instructional guide, the applicant's partial demographic information is being displayed on pages 2 through 7. Fields 1-9 would be visible at the top portion of pages 2 through 7 if the applicant's full demographic information were being displayed.)

Error Messages and Data Validation

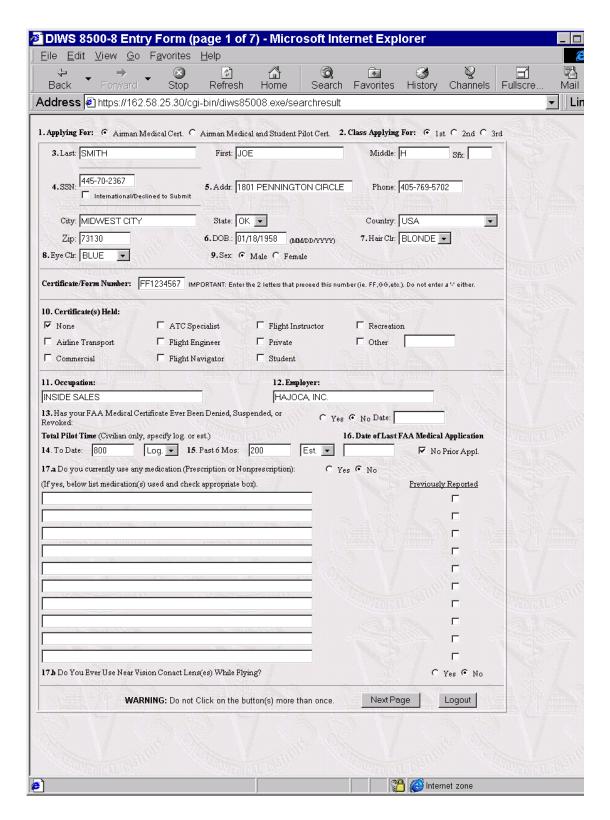
When moving from one data entry screen to another, either by clicking on the *Previous Page* or *Next Page* buttons, the data that is contained on the current page is validated. If any of the required fields have not been entered or if any of the data contained in the fields is entered in an invalid format, an error message will appear informing the user as to which fields require attention. All of the required fields must be entered in the proper format before you will be allowed to proceed to another page or transmit the exam.

Internet Connection Issues

In the event that you lose Internet connectivity prior to transmitting, the information that was previously validated will be stored in the database. Any data that had not been validated must be re-entered. As an example, if you were on data entry page 3 when the Internet connection was terminated, all of the information on pages 1 and 2 will remain in the database. Therefore, upon logging back into the system you should search for the airman again and select the pending application for that airman, which will have a status of 'P'. All of the validated data will be present and you should proceed to the Data Entry screen that you were on when the Internet connection was lost and continue the data entry process.

Technical Support

For technical support questions please contact the AMCS Hotline at (405) 954-3238.



Note: When moving from field to field you should always use the TAB key. Do not press the enter key or you may be logged out of the system prematurely.

FIELD 1.

Applying For: Click on the radio button for the type of certificate being applied for: Airman Medical Cert. or Airman Medical and Student Pilot Cert.

FIELD 2.

Class Applying For: Click on the radio button for the class of certificate being applied for: 1st, 2nd, or 3rd.

FIELD 3.

Last: Enter the applicant's last name.

First: Enter the applicant's first name.

Middle: Enter the applicant's middle name.

Suffix: Enter the applicant's name suffix if applicable. Name suffixes JR, SR, and roman numerals I through XVII only will be accepted. All punctuation should be omitted.

FIELD 4.

SSN: Enter the applicant's Social Security Number, or pseudo SSN if they would prefer not to provide their SSN.

Note: If the applicant does not have a pseudo SSN and does not wish to provide their SSN, click on the check box next to **International/Declined to Submit**. When this option is selected, a pseudo SSN will be assigned to the applicant. The applicant should be given the SSN to use on future 8500-8 applications.

FIELD 5.

Addr: Enter the applicant's street address. **Phone:** Enter the applicant's phone number.

City: Enter the applicant's city.

State: Select the applicant's state from the drop down list provided, or leave blank if international. **Country:** Select the applicant's country from the drop down list provided, or select Other (Unknown).

Zip: Enter the applicant's zip code.

<u>Note:</u> When selecting the applicant's State and Country, either a state or foreign country must be selected, but not both.

FIELD 6.

DOB: Enter the applicant's date of birth in the (MM/DD/YYYY) format. Applicant's birthday must be at least 14 years prior to today's date. The date entered must also be a valid date, no later than today's date, and no earlier than the 19th century.

FIELD 7.

Hair Clr: Select the applicant's hair color from the drop down list provided.

FIELD 8.

Eye Clr: Select the applicant's eye color from the drop down list provided.

FIELD 9.

Sex: Select either the Male or Female radio button corresponding to the applicant's sex.

Certificate/Form Number: Enter the number indicated on the medical certificate including the alpha characters (i.e., FF, GG, etc.) preceding the number. DO NOT enter the "-" between the letters and the numbers.

FIELD 10.

Certificate(s) Held: Check all that apply. If None is checked, no other boxes should be checked. If Other is checked, you must enter something into the text box to the right of the Other option.

FIELD 11.

Occupation: Enter the applicant's occupation.

FIELD 12.

Employer: Enter the applicant's employer.

FIELD 13.

Has your FAA Medical Certificate Ever Been Denied, Suspended, or Revoked? Select either the Yes or No radio button. If yes is selected, you must enter the date of the denial, suspension, or revocation in the (MM/DD/YYYY) format. The date entered must be a valid date, no later than today's date, and no earlier than the 19th century.

FIELD 14.

Total Pilot Time To Date: Enter the number of pilot hours (in whole numbers) to date. Select whether the hours are logged, estimated, or N/A from the drop down list provided.

FIELD 15.

Total Pilot Time Past Six Months: Enter the number of pilot hours (in whole numbers) during the past six months. Select whether the hours are logged, estimated, or N/A from the drop down list provided.

FIELD 16.

Date of Last FAA Medical Application: Enter the date of the applicant's last medical application in the (MM/DD/YYYY) format. The date entered must be a valid date, no later than today's date, and no earlier than the 19th century.

If this is the applicant's first application, check the No Prior Application check box.

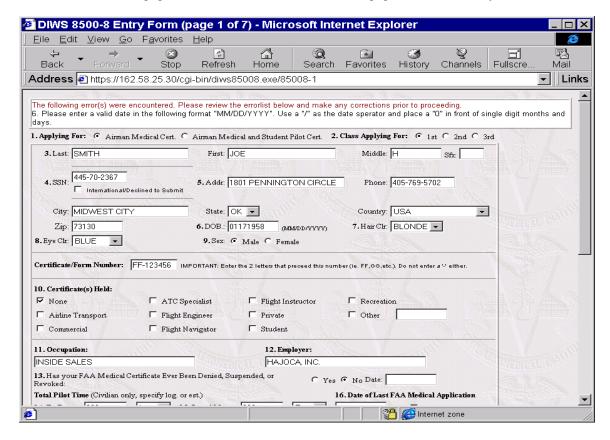
<u>FIELD 17a.</u>

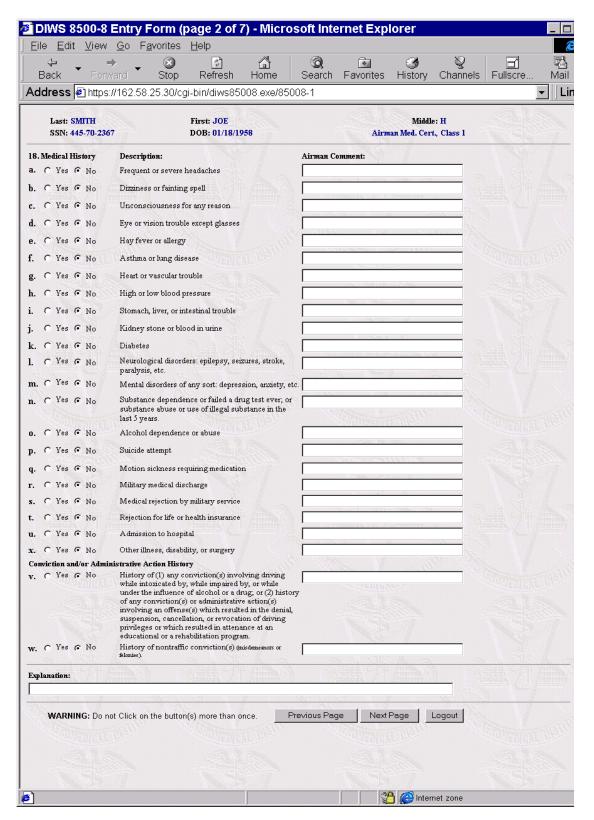
Do you currently use any medication (Prescription or Nonprescription): Select either the Yes or No radio button. If Yes is selected you must enter each of the medications in the boxes provided. Enter only one medication per line. For each medication listed, if the medication has been previously reported, you should check the Previously Reported check box next to the appropriate medication.

FIELD 17b.

Do you ever use near vision contact lens(es) while flying? Select either the Yes or No radio button.

To proceed to page 2 of the data entry screen click on the *Next Page* button at the bottom right of the window. A validation of the information entered on page 1 will be performed. If any errors are detected, page 1 will reappear with an error message inside a box at the top of the page as shown below. The user should make the corrections indicated in the message and click on the *Next Page* button again. If all information entered on page 1 is correct, the user will be taken to page 2 of the data entry screen.



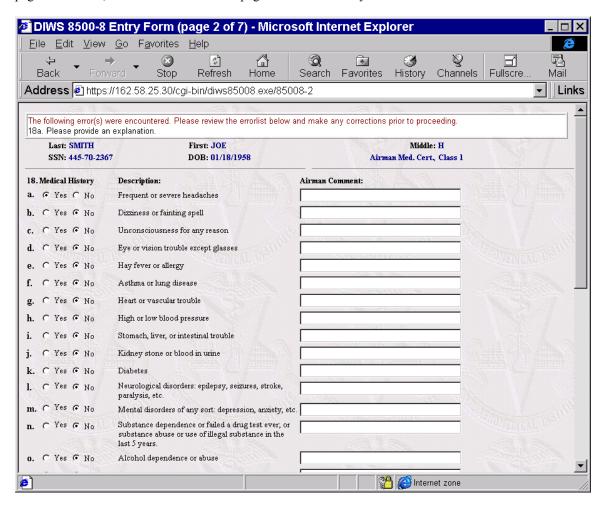


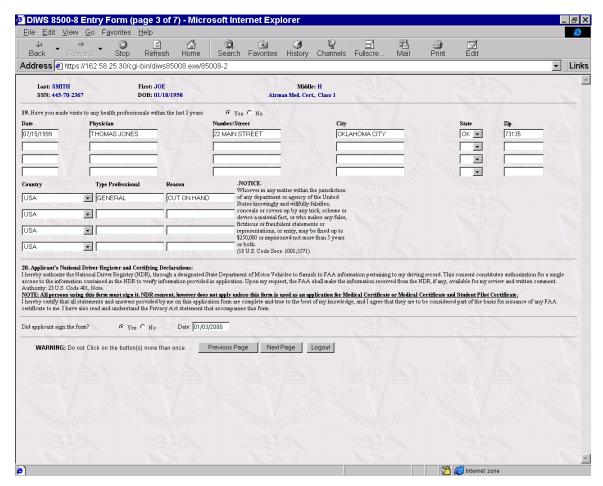
FIELD 18.

Medical History: a – **w.** Select either the Yes or No option for each of these items. The default selection is No. Therefore, if all of the answers on the 8500-8 application are checked as No, then you do not have to select any answers. For any questions that are checked Yes on the 8500-8 application, you must enter an explanation in the **Airman Comment** box to the right of that question.

Explanation: Enter any miscellaneous explanations that may have been entered on the 8500-8 application.

To proceed to page 3 of the data entry screen click on the *Next Page* button at the bottom right of the window. A validation of the information entered on page 2 will be performed. If any errors are detected, page 2 will reappear with an error message inside a box at the top of the page as. The user should make the corrections indicated in the message and click on the *Next Page* button again. If all information entered on page 2 is correct, the user will be taken to page 3 of the data entry screen.





FIELD 19.

Have you made visits to any health professionals within the last 3 years? Select either Yes or No. If Yes is selected, you must enter, at a minimum, the date (MM/DD/YYYY) of the visit and the doctor's name. The date entered must be a valid date, no later than today's date, and no earlier than the 19th century.

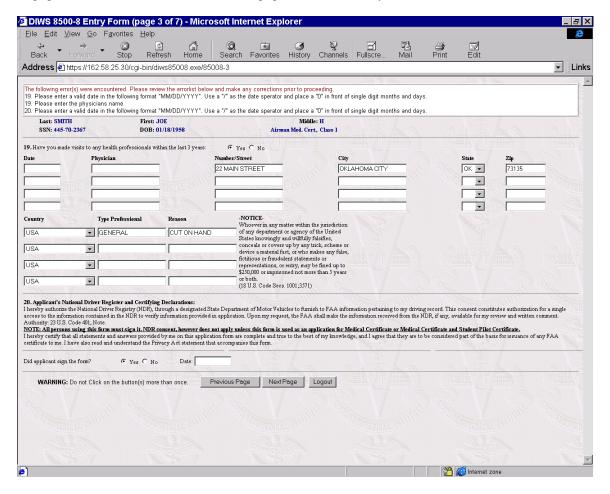
The remaining fields should be entered if the airman provided the information.

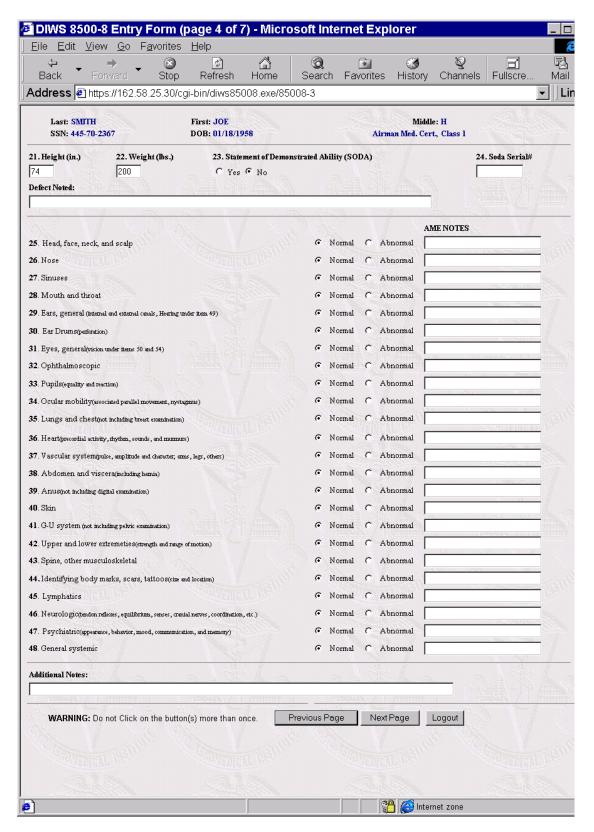
FIELD 20.

Did applicant sign the form? Select either Yes or No. An error message will display if one or the other is not chosen. If the applicant signed the form, select Yes and enter the date on which the form was signed in the (MM/DD/YYYY) format. The date entered must be a valid date, no later than today's date, and no earlier than the 19th century. You must enter the date if Yes is selected.

To proceed to page 4 of the data entry screen click on the *Next Page* button at the bottom of the window. A validation of the information entered on page 3 will be performed. If any errors are detected, page 3 will reappear with an error message inside a box at the top of the page. The user should make the corrections indicated in the message and click on the *Next Page* button again. If all information entered on page 3 is correct, the user will be taken to page 4 of the data entry screen.

To proceed to page 4 of the data entry screen click on the *Next Page* button at the bottom of the window. A validation of the information entered on page 3 will be performed. If any errors are detected, page 3 will reappear with an error message inside a box at the top of the page as shown below. The user should make the corrections indicated in the message and click on the *Next Page* button again. If all information entered on page 3 is correct, the user will be taken to page 4 of the data entry screen.





FIELD 21.

Height (in.): Enter the applicant's height in inches. A valid height between 36 and 90 inches only will be accepted.

FIELD 22.

Weight (lbs.): Enter the applicant's weight in pounds. A valid weight between 75 and 450 pounds only will be accepted.

FIELD 23.

Statement of Demonstrated Ability (SODA): Select either the Yes or No option. If Yes is selected, you must enter the SODA number in Field 24, SODA Serial #.

FIELD 24.

SODA Serial #: Enter the SODA Serial number.

Defect Noted: Enter any defects noted.

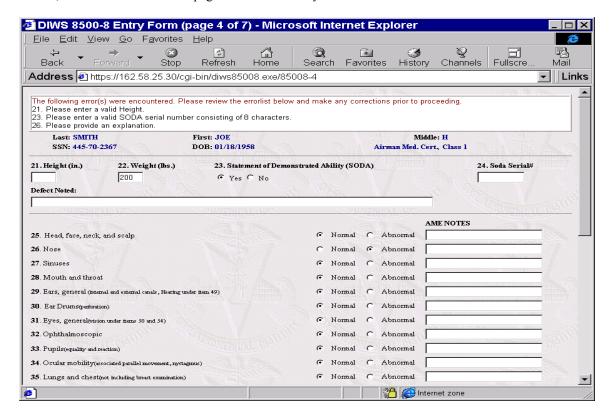
FIELDS 25 – 48.

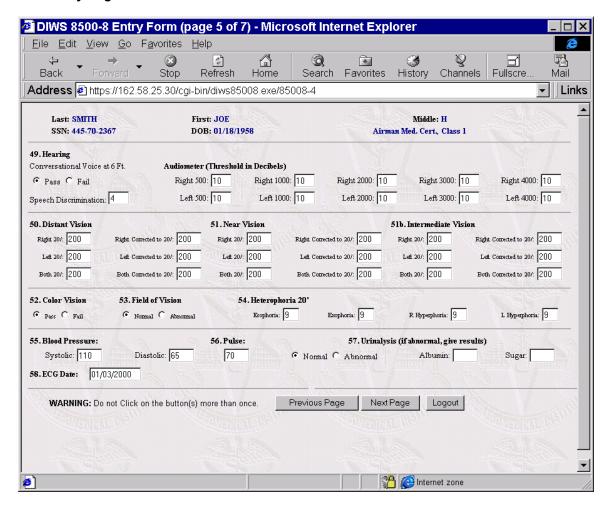
Select Normal or Abnormal for each of these items. Normal is selected by default. For any item that Abnormal is selected you must enter an explanation in the **AME Notes** column next to the appropriate item.

Additional Notes: This section is provided for any additional notes that the AME may want to include.

Important: For female applicants, items 39 and 41 will not have a default selection. The AME is not required to answer these two questions.

To proceed to page 5 of the data entry screen click on the *Next Page* button at the bottom of the window. A validation of the information entered on page 4 will be performed. If any errors are detected, page 4 will reappear with an error message inside a box at the top of the page. The user should make the corrections indicated in the message and click on the *Next Page* button again. If all information entered on page 4 is correct, the user will be taken to page 5 of the data entry screen.





FIELD 49.

Hearing: Conversational Voice at 6ft. Select either Pass or Fail and fill in the Speech Discrimination result. Pass is selected by default.

Audiometer (Threshold in Decibels): Fill in the Audiometer results in the boxes provided. May be left blank if not tested.

FIELD 50.

Distant Vision: Enter the distance vision results in the appropriate boxes.

FIELD 51a.

Near Vision: Enter the near vision results in the appropriate boxes.

FIELD 51b.

Intermediate Vision: Enter the intermediate vision results in the appropriate boxes.

FIELD 52.

Color Vision: Select either Pass or Fail as appropriate. Pass is selected by default.

FIELD 53.

Field of Vision: Select either Normal or Abnormal as appropriate. Normal is selected by default.

FIELD 54.

Heterophoria 20': Enter the Heterphoria test results in the boxes provided. Values must be entered in whole numbers only.

FIELD 55.

Blood Pressure: Enter the Systolic and Diastolic blood pressure readings in the boxes provided.

FIELD 56.

Pulse: Enter the pulse reading in the appropriate box.

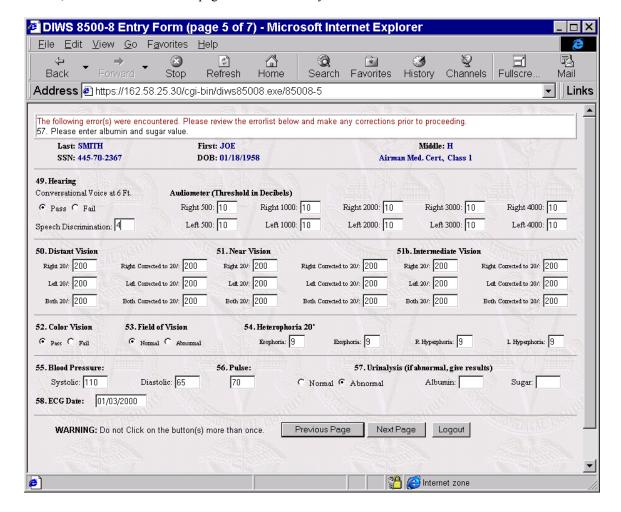
FIELD 57.

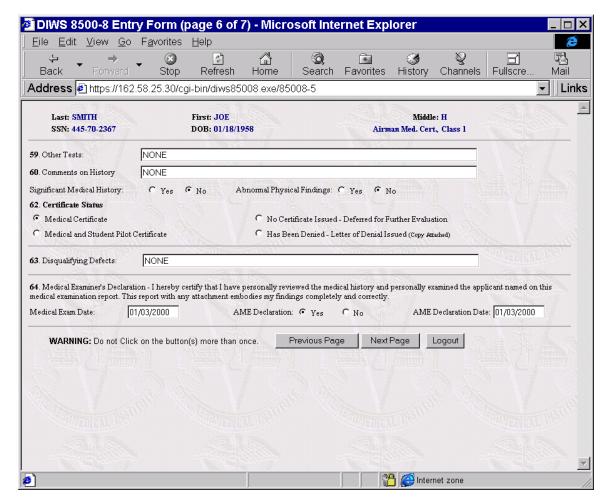
Urinalysis (if abnormal, give results): Select Normal or Abnormal as appropriate. Normal is selected by default. If Abnormal is selected, you must enter the Albumin and Sugar results. You may enter Albumin and Sugar results for normal urinalysis if desired.

FIELD 58.

ECG Date: Enter the date of the applicant's most recent ECG, if appropriate in the (MM/DD/YYYY) format. The date entered must be a valid date, no later than today's date, and no earlier than the 19th century.

To proceed to page 6 of the data entry screen click on the *Next Page* button at the bottom of the window. A validation of the information entered on page 5 will be performed. If any errors are detected, page 5 will reappear with an error message inside a box at the top of the page. The user should make the corrections indicated in the message and click on the *Next Page* button again. If all information entered on page 5 is correct, the user will be taken to page 6 of the data entry screen.





FIELD 59.

Other Tests: Enter any other tests as appropriate in the box provided.

FIELD 60.

Comments on History: Enter any comments on the applicant's medical history.

Significant Medical History: Select Yes or No as appropriate.

Abnormal Physical Findings: Select Yes or No as appropriate.

FIELD 62.

Certificate Status: Select either Medical Certificate, Medical and Student Pilot Certificate, No Certificate Issued, or Has Been Denied as appropriate. The applicant must meet the minimum age requirement (16 years) in order for a Medical and Student Pilot Certificate to be issued.

FIELD 63.

Disqualifying Defects: Enter any disqualifying defects noted during the examination in the box provided.

FIELD 64.

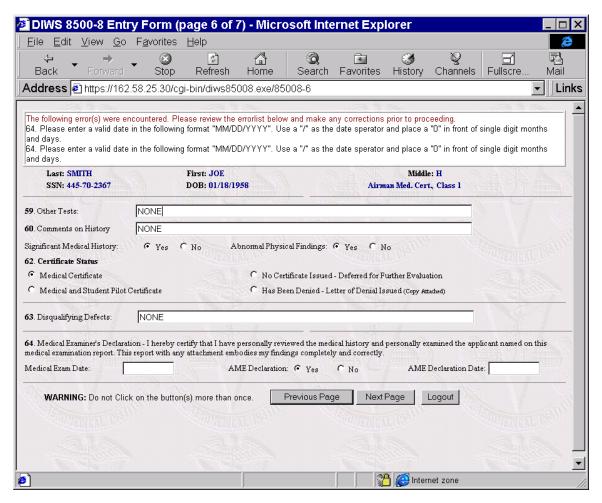
Medical Examiner's Declaration:

Medical Exam Date: Enter the date of the examination in the (MM/DD/YYYY) format. The date entered must be a valid date, no later than today's date, and no earlier than the 19th century.

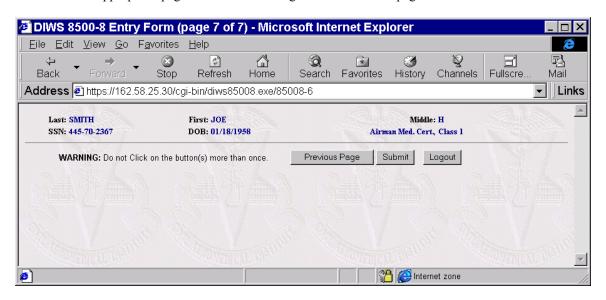
AME Declaration: Select Yes or No as appropriate. Yes indicates that the AME has read the declaration and has signed the 8500-8 application. If Yes is selected, the AME Declaration Date must be entered.

AME Declaration Date: Enter the date upon which the AME signed the declaration in the (MM/DD/YYYY) format. The date entered must be a valid date, no later than today's date, and no earlier than the 19th century.

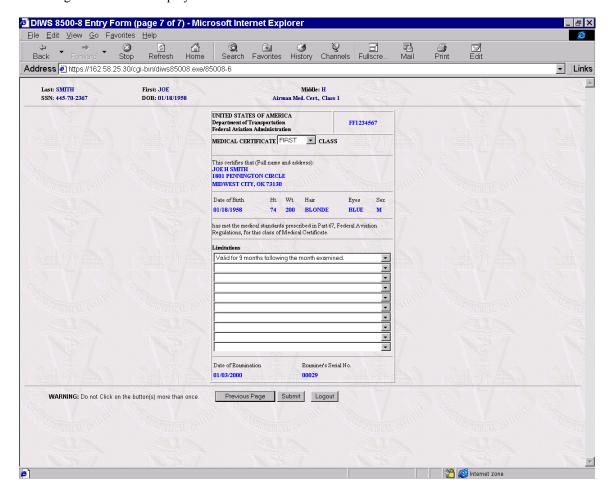
To proceed to page 7 of the data entry screen click on the *Next Page* button at the bottom of the window. A validation of the information entered on page 6 will be performed. If any errors are detected, page 6 will reappear with an error message inside a box at the top of the page. The user should make the corrections indicated in the message and click on the *Next Page* button again. If all information entered on page 6 is correct, the user will be taken to page 7 of the data entry screen if appropriate.



If *No Certificate Issued* or *Has Been Denied* (Field 62) was selected on Page 6, the following screen will be displayed. If data entry is complete click on the *Submit* button to transmit the 8500-8 application information to the AMCS/DIWS database. If any changes are necessary, click on the *Previous Page* button to return to the appropriate page and make the changes. Then return to page 7 to transmit the exam.



If *Medical Certificate* or *Medical & Student Pilot Certificate* (Field 62) was selected on Page 6, the following screen will be displayed:



Medical Certificate Class: Select the appropriate classification granted from the drop down list provided.

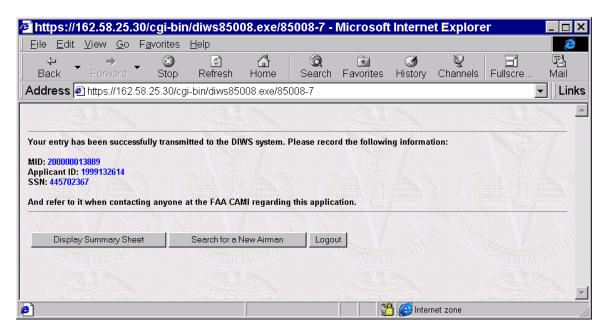
Limitations: From the drop down list provided at the end on each line, select the appropriate limitation. Only one limitation may be selected for each line. You may enter up to 10 limitations.

If data entry is complete click on the *Submit* button to transmit the 8500-8 application information to the AMCS/DIWS database. If any changes are necessary, click on the *Previous Page* button to return to the appropriate page and make the changes. Then return to page 7 to transmit the exam.

Transmitting Exams

Once all of the necessary data has been entered and the *Submit* button at the bottom of Data Entry Page 7 has been selected, if all of the data passes the final validation stage, the following window will appear. A message indicating that your entry has been successfully transmitted to the AMCS/DIWS will be displayed along with a Medical Identification (MID) number, Applicant ID Number, and applicant's SSN.

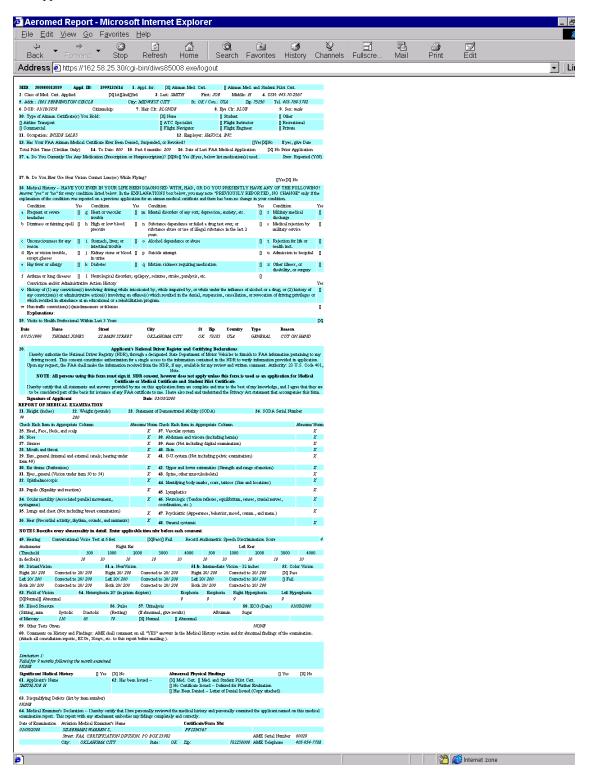
The MID number uniquely identifies this examination within the AMCS/DIWS. The Applicant ID uniquely identifies the individual within the AMCS/DIWS database. These numbers should be included on all correspondence associated with this application as it will allow the FAA to quickly locate an airman's record.



At this point you may either log out of the system by clicking on the *Logout* button, return to the search page by clicking on the *Search for a New Airman* button, or view a summary of the information entered by clicking on the *Display Summary Sheet* button.

Display Summary Sheet

When the *Display Summary Sheet* button is selected the following window displaying a summary page will appear.



You may view and/or print the summary page for record keeping purposes. When printing, the left and right margins should be set at .50 inches. This may be done by clicking on *Page Setup* under the *File* menu on the browser window. Also, for improved readability, you should enable printing of background colors and images. This is the default setting for Netscape. However, to enable this option in Internet Explorer, you must click on the *View* menu and click on *Internet Options*. Then click on the *Advanced* tab and scroll down to the *Printing* section. Click on the *Print Background Colors and Images* check box to enable this option. You may choose to save the summary page on your computer for later viewing and/or printing.

At this point you should click on the *Back* button at the top of the browser window to return to screen displaying the exam transmittal information. Once you have returned to this screen, you may either log out of the system by clicking on the *Logout* button or return to the search page by clicking on the *Search for a New Airman* button.